

# THINNER

SLIM • LIGHTWEIGHT • PORCELAIN

# AVENTIS



floridatile

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## AVENTIS

## Aventis Story

Florida Tile is pleased to announce a coordinating THINNER line to one of its newest tile products, Aventis. Inspired by the gritty urban landscape, Aventis defines contemporary design. With a 6 color palette of strong Grey and Olive tones, these colors will bring a cool minimal look to your modern space.

This Thin Porcelain Tile has the appearance of a concrete that both looks the part and performs to the highest industrial standard of this age-old building material. Created with the latest technology in technical porcelain production, the minimalist nature of the look enhances the complexity of its design. Each of the six colors is a unique blending of base color with a stain that adds contrast by using an application that allows the slightest shimmer of reflection. Monochromatic in their overall tone, the colors range from a Creamy Beige (Cotton) to a Dark Black (Eclipse).

The smooth surface combined with the soft but tactile touch creates a harmonious texture that will engage any designer yet allow for easy routine cleaning. With the large scale commercial or contemporary residential installations in mind, sizes available are 1m x 3m (39" x 118"), 1m x 1m (39" x 39") and .50m x 1m (19.5" x 39") all rectified.

Aventis 3plus is suitable for interior and exterior, wall, floor and countertop applications in residential and light commercial construction. More detailed areas of use charts are available in the THINNER Technical Manual at [www.floridatile.com/thinner](http://www.floridatile.com/thinner). This Florida Tile product is GREENGUARD® certified and will contribute to USGBC registered LEED projects. It will also contribute to the ANSI approved NAHB Green Building Standard ICC 70.



AT35 39x39 Titanium



AT55 19.5x39 Cotton, AT15 39x118 Ask

# AVENTIS

THE ADVANTAGES OF BEING UNIQUE:

## Application Benefits

- Ease of installation; thin and lightweight, easy to cut and drill
- Ideal for installations over properly prepared existing tile, avoiding the demolition and waste disposal
- Innovative applications can be curved surfaces, interior design applications, furniture and accents
- This unique production process of Florida Tile's THINNER, allows us to produce perfectly flat tile panels
- Rectified edges; all edges have been mechanically finished for a more exact dimension
- The thin tile reduces the need to cut doors, and allows for less drastic transitions to other floor finishes

## Technical Benefits

- Florida Tile's THINNER is fully vitreous porcelain making it non-absorbent, easy to clean, freeze thaw stable, resistant to acids, stains and pollution
- Thin porcelain plus boasts excellent values for resistance to bending and breaking strength
- Large sizes never seen before in tile; 100 x 300cm (39" x 118"), 100 x 100cm (39" x 39"), 50 x 100cm (19.5" x 39")
- Proven; thin large format tile has been used successfully around the world for residential and commercial applications for over 10 years

## Environmental Benefits

- Strong decrease in raw materials, water and energy consumption, as well as pollution
- Reduced CO<sup>2</sup> exhausts during firing, up to 20x less than standard tile and 50% less natural gas used compared to traditional tile production
- Transportation uses less fuel because you can fit more tile in a smaller space
- Incredibly light for size weight ratio for 3.5mm = 1.6 lbs. per SQFT, for 5.5mm = 2.3 lbs. per SQFT, compared to a typical 10mm – 11mm porcelain tile, weighing 5 – 6 lbs. per SQFT





# Eclipse

AT05 19.5x39 Eclipse

AT05 39x39 Eclipse

AT05 39x118 Eclipse



AT05 39x39 Eclipse



AT15 39x118 Ask



# Ask



AT15 19.5x39 Ask



AT15 39x39 Ask



AT15 39x118 Ask



AT15 39x39 & 39x118 Ask



AT25 39x39 Velvet

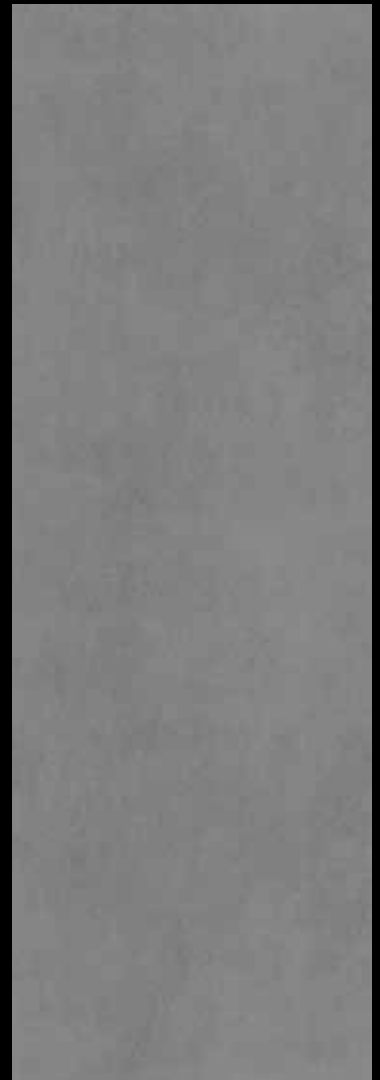
# Velvet



**AT25 19.5x39** Velvet



**AT25 39x39** Velvet



**AT25 39x118** Velvet

**AT25 39x39** Velvet

**AT25 39x118** Velvet





AT35 39x39 Titanium

# Titanium



AT35 19.5x39 Titanium



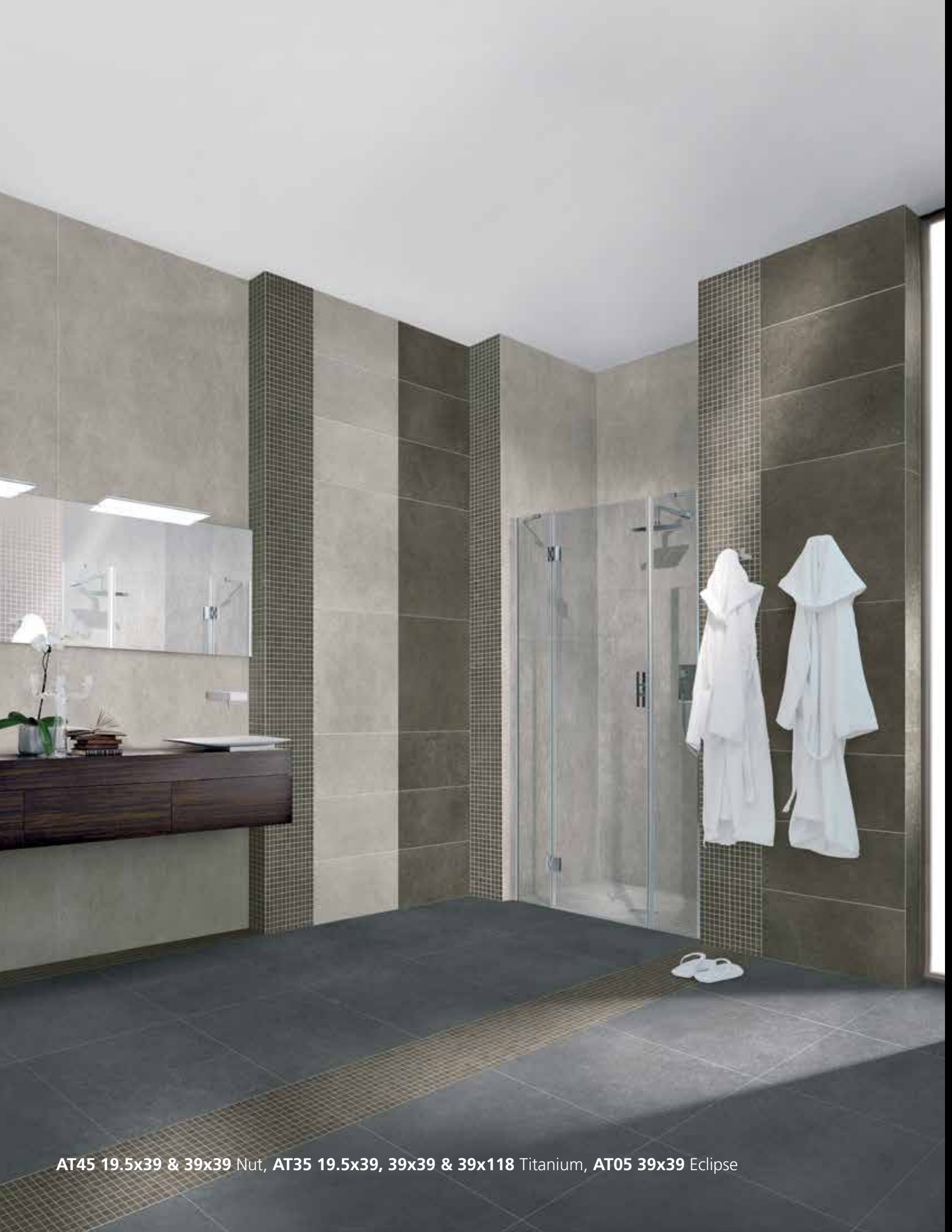
AT35 39x39 Titanium

AT35 39x39 Titanium



AT35 39x118 Titanium





AT45 19.5x39 & 39x39 Nut, AT35 19.5x39, 39x39 & 39x118 Titanium, AT05 39x39 Eclipse

# Nut

AT45 19.5x39 Nut

AT45 39x39 Nut

AT45 19.5x39 & 39x39 Nut, AT35 39x118 Titanium, AT05 39x39 Eclipse

AT45 39x118 Nut





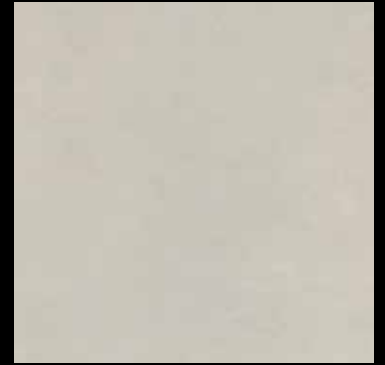
AT55 19.5x39 Cotton, AT15 39x118 Ask



# Cotton



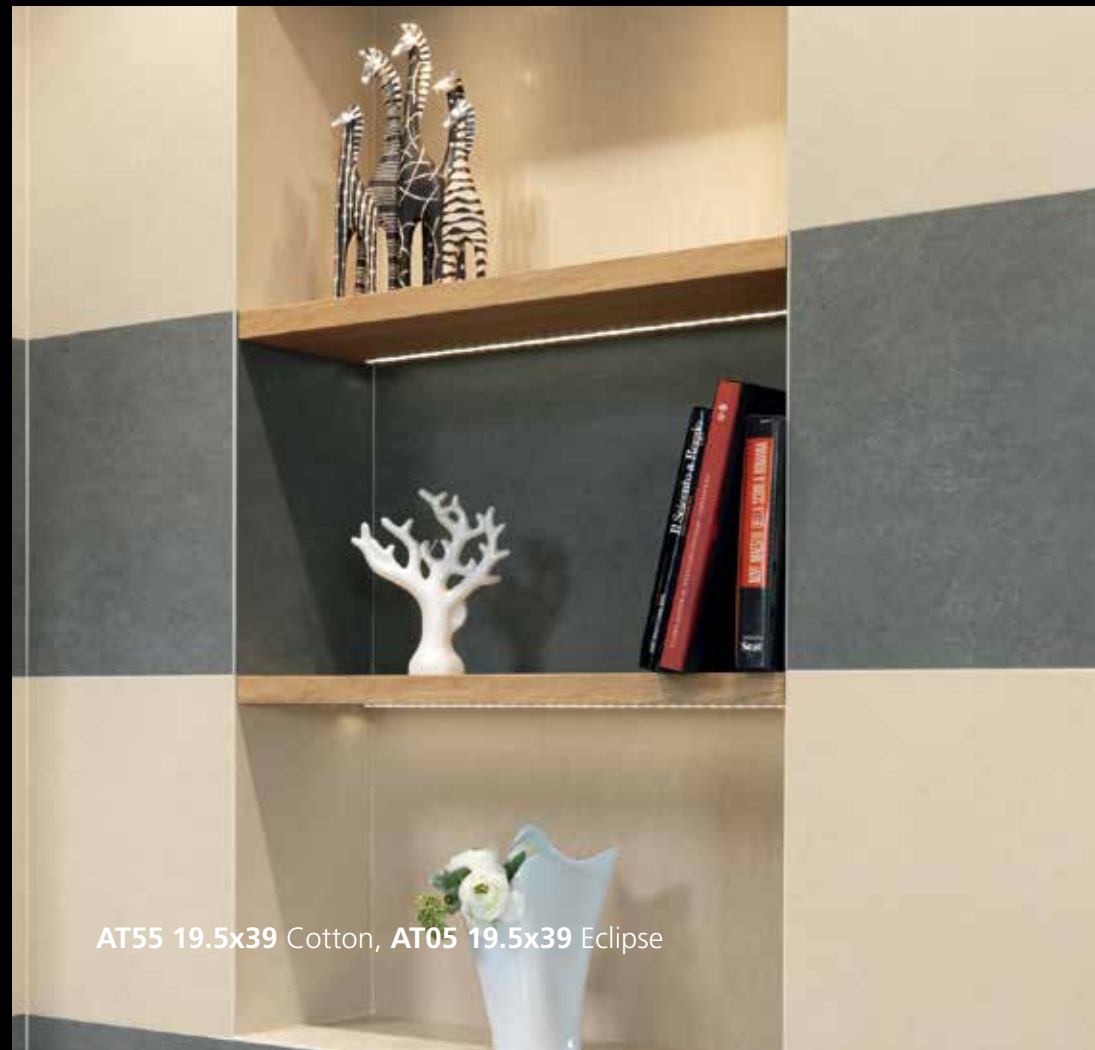
AT55 19.5x39 Cotton



AT55 39x39 Cotton



AT55 39x118 Cotton



AT55 19.5x39 Cotton, AT05 19.5x39 Eclipse

## Tile-Over-Tile

A great benefit of THINNER Aventis 3plus, is the installation of tile over tile. There can be many benefits from this type of installation, assuming the existing tile is in acceptable condition. This can save valuable time, substantially reduce the mess and demolition waste to any jobsite. The application of the thin profile of the Aventis 3plus can reduce the grout joints, the need to cut doors and difficulty of meeting other finish surfaces. Your new installation gains a fresh and contemporary look with the ease of maintenance of porcelain tile.

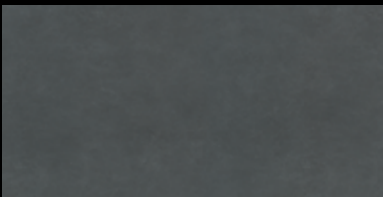


Install Over Existing Floor Tile



Install Over Existing Wall Tile

## Colors



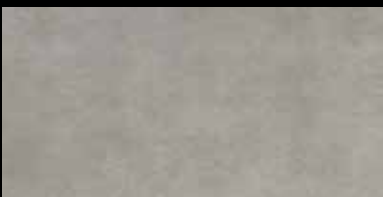
**AT05** Eclipse



**AT15** Ask



**AT25** Velvet



**AT35** Titanium



**AT45** Nut



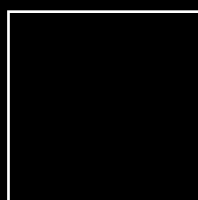
**AT55** Cotton

Color Variations: Color reproductions in this printed piece may vary from actual tile colors. Final selection should be made from actual tile samples.

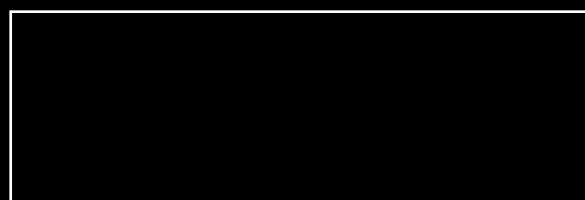
## Sizes



19.5" x 39"



39" x 39"



39" x 118"

Properties	Results <sup>1</sup>
Exterior Rated <sup>2</sup>	Yes
DCOF AcuTest <sup>3</sup>	Fail
Thickness	3.5mm
Glaze Hardness	7 mohs
Breaking Strength <sup>4</sup>	>=250 lbf
Water Absorption <sup>5</sup>	<=0.1%
Durability Classification <sup>6</sup>	IV Commercial
Deep Abrasion	P1
Shade Variation	V1

<sup>1</sup>These values vary lot to lot.

<sup>2</sup>When used as recommended in the THINNER Technical Manual. For more information go to [www.floridatile.com/thinner](http://www.floridatile.com/thinner).

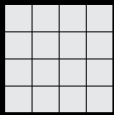
<sup>3</sup>ANSI 137.1 Standard, ceramic tiles selected for level interior spaces expected to be walked upon when wet must have a minimum wet DCOF AcuTest value of 0.42

<sup>4</sup>Average value referred to all-in-one piece (tile and fiberglass mesh).

<sup>5</sup>Average value referred to ceramic material only.

<sup>6</sup>Class I Light Residential, Class II Residential, Class III Heavy Residential/Light Commercial, Class IV Commercial, Class V Heavy Commercial (high resistance to scratches and stains).

## Shade Variation



V1

### Uniform Appearance

Differences among pieces from the same production run are minimal.

## Applications

Aventis 3plus is suitable for interior and exterior, wall and floor applications in residential and light commercial construction. More detailed areas of use charts are available in the THINNER Technical Manual at [www.floridatile.com/thinner](http://www.floridatile.com/thinner).

This Florida Tile product will contribute to USGBC registered LEED projects. It will also contribute to the ANSI approved NAHB Green Building Standard ICC 70.

Item #	Color Name	Nominal Size (inches)	Metric (cm)
AT05 19.5x39	Eclipse	19.5 x 39	50 x 100
AT15 19.5x39	Ask	19.5 x 39	50 x 100
AT25 19.5x39	Velvet	19.5 x 39	50 x 100
AT35 19.5x39	Titanium	19.5 x 39	50 x 100
AT45 19.5x39	Nut	19.5 x 39	50 x 100
AT55 19.5x39	Cotton	19.5 x 39	50 x 100
AT05 39x39	Eclipse	39 x 39	100 x 100
AT15 39x39	Ask	39 x 39	100 x 100
AT25 39x39	Velvet	39 x 39	100 x 100
AT35 39x39	Titanium	39 x 39	100 x 100
AT45 39x39	Nut	39 x 39	100 x 100
AT55 39x39	Cotton	39 x 39	100 x 100
AT05 39x118	Eclipse	39 x 118	100 x 300
AT15 39x118	Ask	39 x 118	100 x 300
AT25 39x118	Velvet	39 x 118	100 x 300
AT35 39x118	Titanium	39 x 118	100 x 300
AT45 39x118	Nut	39 x 118	100 x 300
AT55 39x118	Cotton	39 x 118	100 x 300



It is important that previous to installation of any THINNER product, you must consult and review the entire THINNER Technical Manual. The below set of installation guidelines are not complete and are only provided for a brief review of the steps necessary to install the THINNER products. For additional information on tools, cutting, drilling, handling, mortar selection, installation, etc. is available in the THINNER Technical Manual, available at [www.floridatile.com/thinner](http://www.floridatile.com/thinner) or your THINNER Distributor.

## Handling

For installation, most of the smaller sizes can be handled with a minimum of two quality suction cups or by hand. The 1m x 3m (39" x 118") tiles of THINNER can be lifted from the container by one person. Lift the slab with open hands. Slowly raise the longer side so as to eliminate the suction effect, due to contact with the underlying slab, and ensure a good grip. When the slab is upright, carry holding it from its top edge, keeping it straight and upright. Carrying should be performed with a second person. The THINNER tile panels of 1m x 3m size, are best handled by two persons, using a special frame with mounted suction cups. Fasten the frame to the finished side of the tile panel. Now raise the frame and slab to eliminate the suction effect.

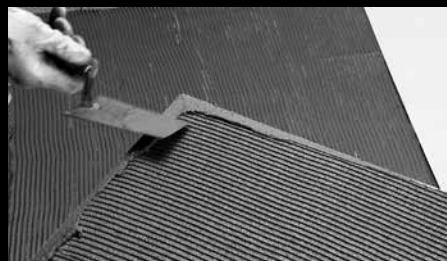


## Installation

**Substrate preparation:** substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces". All substrates should be plumb and true, surface deviation should not exceed 1/8" in 10'.

**Setting materials:** define the characteristics of the substrate on which the thin tile panels will be installed. Choose a mortar and grout that is suitable for the substrate and intended use of the project. In most installations a premium quality ANSI 118.4 mortar will be used. Consult the THINNER Technical Manual and check with the setting material supplier.

**Installation:** previous to handling, cutting, or installing the THINNER products, it is important to have on your safety equipment (Typical PPE; Sure grip gloves, Safety glasses, Dust mask). Movement (Expansion) joints should be provided to comply with TCA method EJ 171. Installation must comply with the current version of ANSI A108.02, A108.1B and ANSI A 108.5. Mix the mortar to the highest mix consistency according to the mortar manufacturer's current data sheet. Apply mortar to the substrate with the flat side of the trowel, with enough pressure to firmly work into the surface. With a proper notched trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide 100% coverage to the back of the tile and substrate. Notches should run parallel to each other and perpendicular to the long side of the tile. Use caution that the mortar does not skim over. It is advised that during the installation, remove a tile to insure the mortar has not skinned over and check the tile and substrate mortar coverage. Place tiles in mortar, slide back and forth perpendicular to the ridges. Coverage of mortar is essential to a successful installation of the THINNER tile. Special attention to ensure 100% coverage of edges and corners is necessary. After laying the tile, make sure it is firmly adhering to the underlying surface. For walls, you can use a rubber coated trowels or a hard grout float. For floors, tile tapping tools with plastic plates or orbital sanders should be used to increase the coverage of the mortar. Keep the tile and grout joints clean. Consult with the mortar manufacturer for set times of the tile and thinset mortar before grouting.




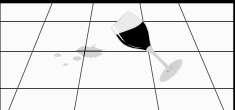

## Daily Cleaning

Ceramic tile is one of the most durable and maintenance friendly surfaces you can choose for your walls, floors, countertops, etc. With proper care & minimum maintenance, it will retain its original beauty and luster for many years. Generally, all that is necessary to keep your tile looking as good as new is a quick wipe with a clean damp cloth or mop. Prompt cleanup of spills and regular cleaning will keep your ceramic tile surfaces looking their best.

If a cleaner is necessary, Florida Tile recommends the use of low VOC (volatile organic compound), neutral pH, non-hazardous, and non-polluting products like Aqua Mix's Concentrated Stone & Tile Cleaner or Miracle Sealants Tile and Stone Cleaner. Read and follow label directions for all cleaners and sealers.



### If daily cleaning has been done using unsuitable detergents

List Of Neutral Cleaners		If daily cleaning has been done using unsuitable detergents		
Manufacturer	Product	Tile to be cleaned	Type of discoloration	Corrective method
Aqua Mix	Concentrated Stone & Tile Cleaner	THINNER Aventis 3plus	Opaque stains visible against light / floor is glossier than the spare pieces that have not been installed 	Use a cleaner like Miracle Sealants Tile and Stone Cleaner or Aqua Mix Heavy Duty Tile & Grout Cleaner. Follow the directions on the container.
Fila	FILACleaner		Opaque stains visible against light when in contact with various types of liquid 	
HMK	P324 Liquid Stone Soap		Foot traffic marks remain 	
Miracle Sealants	Tile and Stone Cleaner			

## Extra-Duty Cleaning

Tile to clean	Type of discoloration	Type of cleaner	Name of cleaner	Manufacturer	Method of Use	
THINNER Aventis 3plus	Coffee, Soft drinks, fruit juice	Alkaline based cleaner	Heavy Duty Tile & Grout Cleaner	Aqua Mix	Follow manufacturer's instructions	
			PS87	Fila	Follow manufacturer's instructions	
			Liquid Poultice	Miracle Sealants	Follow manufacturer's instructions	
	Grease, dirt from traffic, deep-cleaning	Alkaline based cleaner		Heavy Duty Tile & Grout Cleaner	Aqua Mix	Follow manufacturer's instructions
				PS87	Fila	Follow manufacturer's instructions
				R155 Intensive Cleaner	HMK	Follow manufacturer's instructions
				Porcelain & Ceramic Tile Cleaner	Miracle Sealants	Follow manufacturer's instructions
	Wine	Oxidising cleaner		Liquid Poultice	Miracle Sealants	Follow manufacturer's instructions
	Lime residue	Acid based cleaner		Sulfamic Acid Crystals	Aqua Mix	Follow manufacturer's instructions
				R59 Ceramic Tile Cleaner	Fila	Follow manufacturer's instructions
				Heavy Duty Acid Cleaner	Miracle Sealants	Follow manufacturer's instructions
	Rust	Acid based cleaner		Sulfamic Acid Crystals	Aqua Mix	Follow manufacturer's instructions
				R159 Ceramic Tile Cleaner	Fila	Follow manufacturer's instructions
				Heavy Duty Acid Cleaner	Miracle Sealants	Follow manufacturer's instructions
	Tire, pencil, and metal marks	Abrasive paste		Phosphoric Acid Substitute mixed with Nanoscrub.	Aqua Mix	Follow manufacturer's instructions
				Porcelain & Ceramic Tile Cleaner	Miracle Sealants	Follow manufacturer's instructions
	Ink, marker	Solvent based cleaner		Sealer & Coating Remover	Aqua Mix	Solvents should be applied undiluted on the stain. Let them sit for about 15/ 20 seconds. If neccessary repeat. Follow the solvent based cleaners directions.
				Mira Strip	Miracle Sealants	
				R154 Stripper Stain Remover	HMK	
	Dirt from cement based grout	Grout cleaner		Grout Deep Clean	Aqua Mix	Follow manufacturer's instructions
Fuganet				Fila	Follow manufacturer's instructions	
Any	Neutral wax free cleaner		Heavy Duty Tile & Grout Cleaner	Aqua Mix	Use water and a neutral wax free cleaner. NEVER use alcohol, acid, solvents, abrasive cleaners, abrasive sponges, or pads.	
			Fila Cleaner	Fila		
			P324 Liquid Stone Soap	HMK		
			Tile and Stone Cleaner	Miracle Sealants		

### CAUTION:

- These recommendations were reviewed with the manufacturer's of the cleaners and sealers. Conditions, products, recommendations and names constantly change, consult the manufacturer's website and technical phone lines, if you have additional questions.
- Do not use harsh cleaning agents such as steel wool pads or strong acids, which can scratch or damage the surface of your tile
- Always do a small test with sealers & cleaners to insure desired results
- Read and follow label directions for all grouts, cleaners and sealers



AT05 39x39 Eclipse



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